

GENERAL NOTES

1. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY OF EL CAJON AND THE ENGINEER OF WORK HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OF EL CAJON OR THE ENGINEER.
2. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BARRICADING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
3. ANY CONTRACTOR PERFORMING WORK ON THE PROJECT SHALL FAMILIARIZE HIMSELF WITH JOBSITE CONDITIONS AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR IMPROVEMENTS RESULTING DIRECTLY OR INDIRECTLY FROM HIS/HER OPERATIONS.
4. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING RUNNING OF TRUCKS AND EQUIPMENT, SHALL BE LIMITED TO A PERIOD BETWEEN 7:00 A.M. AND 6:00 P.M., MONDAY THROUGH FRIDAY. NO WORK SHALL BE DONE ON SATURDAYS, SUNDAYS OR HOLIDAYS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. CONSTRUCTION NOISE SHALL BE CONTROLLED AND LIMITS ADHERED TO PER EL CAJON MUNICIpal CODE.
5. ALL OPERATIONS CONDUCTED IN THE PUBLIC RIGHT-OF-WAY, INCLUDING RUNNING OF TRUCKS AND EQUIPMENT, SHALL BE LIMITED TO A PERIOD BETWEEN 7:00 A.M. AND 5:00 P.M. ON RESIDENTIAL STREETS, AND BETWEEN 8:30 A.M. AND 3:30 P.M. ON ALL OTHER STREETS, MONDAY THROUGH FRIDAY. NO WORK SHALL BE DONE ON SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. NOISE CONTROL REQUIREMENTS SHALL BE COMPLIED WITH.
6. EXISTING STREETS SHALL BE KEPT FREE OF DIRT AND DEBRIS, AND SHALL BE MAINTAINED IN GOOD CONDITION. DUST SHALL BE CONTROLLED SO THAT IT IS NOT A NUISANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY STREET OR PROPERTY DAMAGED, PUBLIC OR PRIVATE, AS A RESULT OF THE WORK.
7. INCLUDE ONLY ON HILLSIDE OVERLAY ZONE PLANS ("AS BUILT" PLAN REQUIRED).

COMMUNITY DEVELOPMENT HILLSIDE OVERLAY APPROVAL

REVIEWED BYDATE

8. THE FOLLOWING NOTE SHALL BE INCLUDED ON ALL PLANS WITH PROPOSED WALL CONSTRUCTION. "THE BUILDING DEPARTMENT SHALL APPROVE ALL WALL CONSTRUCTION. ALL WALLS SHALL BE CONSTRUCTED PER A SEPARATE BUILDING PERMIT ISSUED BY THE BUILDING DEPARTMENT."
9. IF THERE IS A CONFLICT BETWEEN THIS PLAN AND OTHER PLANS, EVEN IF THE OTHER PLAN IS DATED AFTER THIS PLAN, DO NOT WORK UNTIL THE CONFLICT IS RESOLVED AND REVIEWED BY THE ENGINEER OF RECORD AND THE CITY ENGINEER.
10. ACCESS FOR FIRE AND OTHER EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES DURING PROJECT CONSTRUCTION.
11. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD. POLLUTANTS, SUCH AS CEMENT, ASPHALT CONCRETE, AND DEBRIS SHALL NOT BE ALLOWED IN THE CITY'S STORM DRAIN SYSTEM.
12. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND RESPECTIVE UTILITY OWNERS AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK AND SHALL SUBMIT REQUESTS FOR INSPECTION 24 HOURS IN ADVANCE, AND IN ACCORDANCE WITH ANY PROVISIONS SET FORTH IN THE CONTRACT SPECIFICATIONS. ANY WORK PERFORMED WITHOUT THE BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT THE CONTRACTOR'S EXPENSE. FOR INSPECTION, CALL 619-441-1662.
13. THE CONTRACTOR SHALL MAINTAIN A SET OF RED-LINED DRAWINGS ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING UTILITIES, SHALL BE RECORDED FROM.
14. ALL STREET PAVEMENT AND STRIPING DAMAGED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER. ALL REPLACEMENT/REMEDIAION SHALL BE AT THE CONTRACTOR'S EXPENSE.
15. MATERIAL OR DEBRIS SHALL NOT BE STORED OR REMAIN IN THE PUBLIC RIGHT-OF-WAY WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.
16. PER OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) GUIDELINES, THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT FROM OSHA PRIOR TO COMMENCING CONSTRUCTION ON TRENCHES OR EXCAVATIONS THAT ARE 5 FEET OR DEEPER AND INTO WHICH A PERSON IS REQUIRED TO DESCEND.
17. EXISTING MONUMENTS DISTURBED OR DESTROYED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED BY A LICENSED CIVIL ENGINEER OR LAND SURVEYOR, AND CORNER RECORDS SHALL BE RECORDED WITH THE SAN DIEGO COUNTY RECORDER'S OFFICE IN CONFORMANCE WITH THE CALIFORNIA LAND SURVEYOR'S ACT. ALL WORK DESCRIBED SHALL BE AT THE CONTRACTOR'S EXPENSE.
18. PRIOR TO COMMENCEMENT OF ANY TYPE OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A 'HAUL ROUTE' MAP AND RELATED TRAFFIC CONTROL MAP, OF WHICH WILL BE REVIEWED AND APPROVED BY THE CITY ENGINEER OR HIS/HER DESIGNEE.

SOURCE OF TOPOGRAPHY

TOPOGRAPHY WAS OBTAINED FROM (METHOD), DATED XX/XX BY: ORIGINATING FIRM OR INDIVIDUAL, ADDRESS, PHONE NUMBER.

BENCHMARK INFORMATION

THE BENCHMARK IS BASED ON NAVD 1988 DATUM. BENCHMARK USED IS CITY OF EL CAJON PUBLIC WORKS SECTION BENCHMARK DESIGNATION XX, BEING A STD BM T/C ON (NORTHEAST/NORTHWEST/SOUTHEAST/SOUTHWEST) SIDE OF (STREET NAME) - XXXX LINE OF THE BUILDING AT (INSERT ADDRESS) - X' - (NORTHEAST/NORTHWEST/SOUTHEAST/SOUTHWEST) OF XXX PL - X' FROM MOST XXXXX CORNER OF BUILDING. ELEVATION NAVD88 XXX.XX FEET.

GRADING AND GEOTECHNICAL SPECIFICATIONS

1. ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING OF A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND, IF REQUIRED, AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY ORDINANCES AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORTS OR GEOTECHNICAL INVESTIGATIONS ENTITLED: REPORT TITLE, PROJECT NUMBER AND NAME, PREPARED BY (COMPANY), DATED MONTH, DAY, YEAR.
2. ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DRY DENSITY.
3. IF THE GEOTECHNICAL OR SOILS CONSULTANT OF RECORD IS CHANGED FOR THE PROJECT, THE WORK SHALL BE STOPPED UNTIL A REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THE RESPONSIBILITY WITHIN THE AREA OF THEIR TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE CITY ENGINEER IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF GRADING.
4. THESE GRADING PLANS HAVE BEEN RECEIVED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE REFERENCED GEOTECHNICAL REPORT(S) PREPARED FOR THIS PROJECT.

OWNER'S CERTIFICATE

1. I APPROVE THIS PLAN TO BE FOLLOWED IN THE CONSTRUCTION OF THIS PROJECT. I UNDERSTAND THAT ANY CHANGES MUST BE APPROVED BY THE ENGINEER WHO PREPARED THESE PLANS AND REVIEWED BY THE CITY ENGINEER.
2. IF THERE IS A CONFLICT BETWEEN THIS PLAN AND OTHER PLANS, EVEN IF THE OTHER PLAN IS DATED AFTER THIS PLAN, I WILL PERFORM NO WORK UNTIL THE CONFLICT IS RESOLVED AND HAS BEEN REVIEWED BY THE ENGINEER AND THE CITY ENGINEER.
3. I UNDERSTAND THAT I MUST USE THE EXISTING SEWER LATERAL (UNLESS PROPOSING NEW CONNECTION).
4. I WILL REQUIRE A PLUMBING CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF THE POINT OF CONNECTION TO THE EXISTING SEWER, BEFORE STARTING ANY WORK ON THE PROJECT.
5. I UNDERSTAND THAT IF THE WORK OF THIS PLAN IS NOT COMPLETED IN CONFORMANCE THERewith, THE CITY WILL HAVE THE RIGHT TO WITHHOLD ACCEPTANCE OF THE SUBDIVISION OR IMPROVEMENTS AND OCCUPANCY OF BUILDINGS CONSTRUCTED ON THE SITE OF THIS DEVELOPMENT.

NAMESIGNATURE

PHONEDATE

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK(S) OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF EL CAJON AND RESPECTIVE WATER DISTRICTS ARE CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

(PRINTED NAME OF ENGINEER HERE) DATE RCE NO. (SEAL)

(SIGNATURE ON TOP)

SOILS/GEOLOGIC ENGINEER'S CERTIFICATE

I, (NAME), REGISTERED CIVIL ENGINEER IN THE STATE OF CALIFORNIA, HAVE REVIEWED THESE PLANS AND AM SATISFIED THAT THESE PLANS ARE CONSISTENT WITH THE RECOMMENDATIONS MADE IN OUR SOILS/GEOLOGIC REPORT, PROJECT NUMBER (XXXXXX), DATED (MONTH DAY YEAR). IF GRADING IS NOT COMPLETED BY (MONTH DAY YEAR), A REVIEW BY THE SOILS/GEOLOGIC ENGINEER WILL BE REQUIRED.

(PRINTED NAME OF ENGINEER HERE) DATE RCE NO. (SEAL)

(SIGNATURE ON TOP)

AS-BUILT

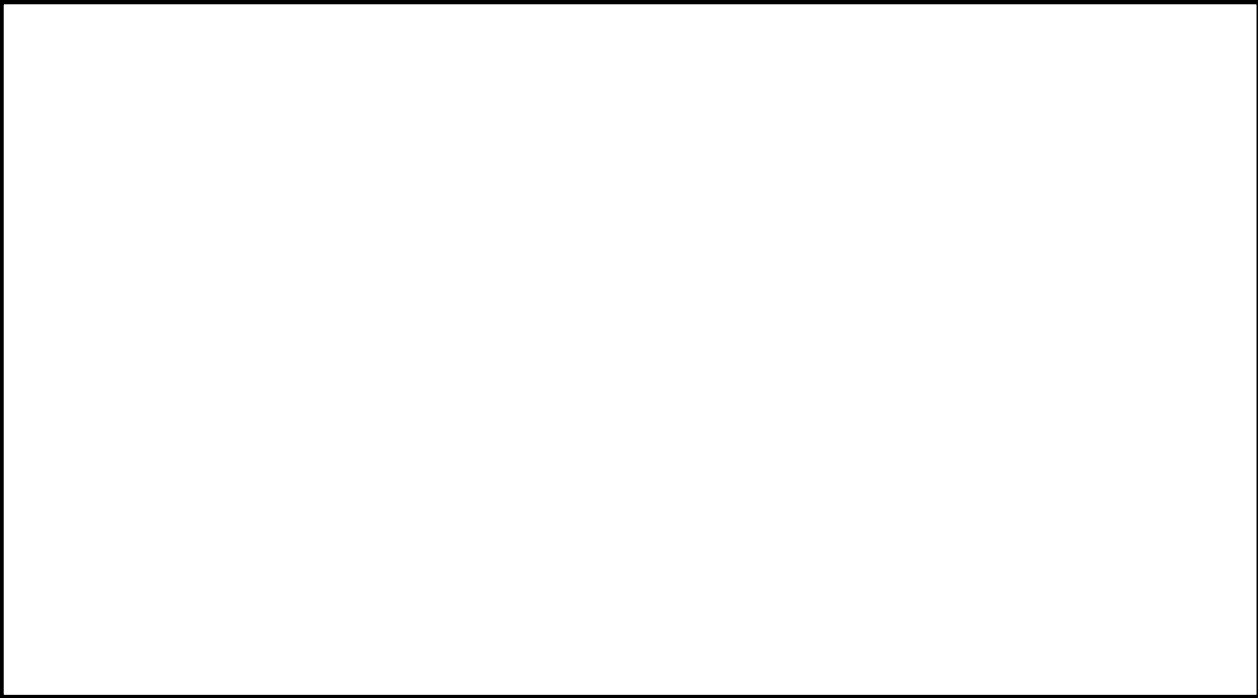
I CERTIFY THAT I OBSERVED THE CONSTRUCTION, AND THE WORK SHOWN ON THIS PLAN HAS BEEN DONE IN CONFORMANCE WITH MY DESIGN, RECOMMENDATIONS OR REQUIREMENTS AND ANY APPROVED CHANGES.

I CERTIFY THAT {TYPE OR NAME OF SW BMP PER SWMITP} WAS INSTALLED PER THE PROJECT STORM WATER MITIGATION PLAN, INCLUDING THE AMENDED SOIL, AS DESIGNED, AND THE INDIVIDUAL SOIL LAYERS.

(ENGINEER OF WORK) DATE

(SOILS/GEOLOGIC ENGINEER) DATE

GRADING AND DRAINAGE PLANS FOR (PROJECT NAME OR ADDRESS)



VICINITY MAP

NO SCALE

SCOPE OF WORK

THE WORK CONSISTS OF THE FOLLOWING:

SITE ADDRESS

XXXX STREET NAME, EL CAJON, CA ZIP

ASSESSOR PARCEL NUMBER

XXX-XXX-XX

EARTHWORK QUANTITIES

THE FOLLOWING EARTHWORK QUANTITIES HAVE BEEN ESTIMATED FOR THE PROJECT.

CUT = XX,XXX CY
FILL = XX,XXX CY
NET = XX,XXX (IMPORT/EXPORT)

SHEET INDEX

SHEET NUMBER	SHEET TITLE
1	NOTE SHEET
2	EROSION CONTROL PLAN
3	
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STANDARD SPECIFICATIONS & STANDARD DRAWINGS

1. SAN DIEGO REGIONAL STANDARD DRAWINGS WITH APPENDIX 'A' TRAFFIC CONTROL PLANS (LATEST EDITION).
2. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, "GREENBOOK", INCLUDING REGIONAL SUPPLEMENT AMENDMENTS (LATEST EDITIONS).
3. CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, "CA-MUTCD", (LATEST EDITION).
4. CITY OF EL CAJON STANDARD DRAWINGS (LATEST EDITION).
5. SAN DIEGO WATER AGENCY STANDARDS, "WAS" (LATEST EDITION).

UTILITY NOTES

THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT OR ADJACENT TO THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE FOLLOWING UTILITY OWNERS FOR VERIFICATION AND LOCATION PRIOR TO ANY EXCAVATION OR COMMENCEMENT OF WORK. SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED PRIOR TO EXCAVATION. FOR DIG ALERT, DIAL 811 AT LEAST TWO WORKING DAYS BEFORE COMMENCING WORK.

SAN DIEGO GAS AND ELECTRIC
HELIX WATER DISTRICT
PADRE DAM MUNICIPAL WATER DISTRICT
AT&T
COX COMMUNICATIONS
EL CAJON POLICE DEPARTMENT
HEARTLAND FIRE AND RESCUE
EL CAJON PUBLIC WORKS, SEWER, TRAFFIC
CALTRANS

(877) 789-9866
(619) 596-3860
(619) 448-3111
(619) 266-4613
(619) 263-9251
(619) 579-3311
(619) 667-1355
(619) 441-1653
(619) 688-6699

WORK TO BE DONE

THE WORK TO BE DONE CONSISTS OF THE IMPROVEMENTS SHOWN ON THESE PLANS IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR THE CITY OF EL CAJON, AND TO THE SATISFACTION OF THE CITY ENGINEER.

LEGEND

DESCRIPTION	STANDARD DWG	SYMBOL	QTY
EXISTING CONDITIONS			
ALL EXISTING LEGEND ITEMS HERE			

PROPOSED CONDITIONS

ALL PROPOSED LEGEND ITEMS HERE

STORMWATER MANAGEMENT NOTES

1. THE OWNER AND/OR THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH A PLAN TO IMPLEMENT BEST MANAGEMENT PRACTICES TO ELIMINATE POLLUTANT DISCHARGE TO THE PUBLIC STORM DRAIN SYSTEM. SUCH PLANS SHALL BE SUBMITTED TO AND REVIEWED BY THE CITY ENGINEER PRIOR TO ANY SOIL DISTURBANCE, GRADING, CLEARING OF VEGETATIVE MATTER, AND/OR CONSTRUCTION ON THE SITE.
2. THE PLAN SHALL PROVIDE THAT NO SAND, SILT, OR DEBRIS SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM INCLUDING PUBLIC STREETS.
3. THE OWNER AND/OR THE OWNER'S CONTRACTOR SHALL IMPLEMENT THE PLAN AND TAKE REMEDIAL AND PREVENTIVE ACTION IMMEDIATELY WHEN POLLUTANT DISCHARGE OCCURS AND/OR THE CITY ENGINEER OR THE BUILDING DIVISION DIRECTS.
4. THE ABOVE SHALL APPLY STARTING THE 1ST DAY OF GRADING AND/OR CONSTRUCTION AND SHALL REMAIN IN EFFECT UNTIL ALL GRADING AND/OR CONSTRUCTION WORK HAS BEEN COMPLETED.
5. THE PLAN SHALL BE IN CONFORMANCE WITH THE CITY OF EL CAJON STANDARD URBAN STORM WATER MITIGATION PLAN ORDINANCE (SUSMP) AND JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM (JUMP). THIS ORDINANCE REQUIRES THE APPLICANT TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES AND PERFORM FUTURE ONGOING MAINTENANCE EVEN AFTER COMPLETION OF THE PROJECT TO PREVENT, TREAT, OR LIMIT THE AMOUNT OF STORM WATER RUNOFF AND POLLUTION FROM THE PROPERTY.
- **THE FOLLOWING NOTE SHOULD BE PLACED ON ALL GRADING PLANS THAT DISTURB IN EXCESS OF 1 ACRE:**
6. A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT IS REQUIRED FROM THE STATE WATER RESOURCES CONTROL BOARD FOR THIS PROJECT. THE STATE WATER RESOURCES CONTROL BOARD HAS RECEIVED AND PROCESSED, ON OUR NOTICE OF INTENT TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY. OUR WDD IDENTIFICATION NUMBER IS:
- *ONLY USE NOTE 6 IF IT APPLIES TO YOUR PROJECT*
7. THE CONTRACTOR SHALL COMPLY WITH THE CITY'S MUNICIPAL CODE CHAPTER 13.10 STORM WATER MANAGEMENT AND DISCHARGE CONTROL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH A PLAN TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) TO ELIMINATE SAND, SILT, CONCRETE WASH, DEBRIS OR POLLUTANT DISCHARGE TO THE PUBLIC STREETS AND STORM DRAIN SYSTEM. SUCH PLAN SHALL BE SUBMITTED AND REVIEWED BY THE CITY ENGINEER PRIOR TO COMMENCEMENT OF ANY GRADING, IMPROVEMENTS OR CONSTRUCTION ON THE SITE.
9. THE CONTRACTOR SHALL IMPLEMENT THE EROSION CONTROL MEASURES AND TAKE IMMEDIATE REMEDIAL AND PREVENTATIVE ACTION WHEN POLLUTANT DISCHARGE OCCURS AND/OR AS DIRECTED BY THE CITY ENGINEER. THE CONTRACTOR SHALL BE REQUIRED TO PLACE ADDITIONAL BMPs AS THE SITE CONDITIONS WARRANT.
10. PAVED AREAS SHALL BE SWEEPED BY COMBINATION OF POWER BROOM AND/OR AIR VACUUM SWEEPERS.

PERVIOUS/IMPERVIOUS AREAS (SQ.FT.)	
EXISTING PERVIOUS	
EXISTING IMPERVIOUS	
PROPOSED PERVIOUS	
PROPOSED IMPERVIOUS	

PROJECT NAME OR ADDRESS

TITLE SHEET

SHEET NO. 1
OF X SHEETS

ENGINEERING DIVISION JOB NO.

X

DRAWING NO.

X

BPXXXX-XXX, TPMXXX, SDPXXXX

HWD RMB XXXXX